

BHARAT HEAVY ELECTRICALS LIMITED

HPEP, RAMACHANDRAPURAM, HYDERABAD-502032
FACTORY CIVIL & PROJECTS DEPARTMENT

PRICE BID

Ref No: Tender Notice No: **HY / FCD / OT-01 / 2022-23, date: 02.05.2022**

Bill of Quantities

Name of work: "Civil works for Annual Maintenance of External water supply and repairs to submersible pump sets in Factory and Admin. Building area and Civil works for Maintenance of Internal water supply, Sewage systems in Factory & Admin. Bldg area ", for FY 2022-23.

S. No.	Description of the item	Qty	Unit	Unit Rate	Amount
SECTION - I: Maint. of External water supply, repairs of submersible pumps.					
PART - A: CIVIL WORKS					
1.a	Earth work in excavation in all soils by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan) including dressing of sides and ramming of bottoms - lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil, within a lead of 50M etc., complete all as directed by Engineer-in-charge.	75.00	Cu. m	Rs. 125.09	Rs. 9,381.75
1.b	----do---- lift upto First additional depth of 1.50 M to 3.00 M.	13.00	Cu. m	Rs. 158.18	Rs. 2,056.34
1.c	Excavation in foundations trenches or drains not exceeding 1.5 M in width or 10 sq.m on plan including dressing of sides and ramming of bottom lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil, within a lead of 50 m. Hard rock (blasting prohibited) etc., complete all as directed by Engineer-in-charge.	4.00	Cu. m	Rs. 470.47	Rs. 1,881.88
1.d.i	Cutting road and making good the same including supply of extra quantities of materials i.e., aggregate, moorum, screening, and labour required .. Bituminous portion etc., complete all as directed by Engineer-in-charge.	3.00	Cu. m	Rs. 1,780.35	Rs. 5,341.05
1.d.ii	... do .. Water bound macadam	1.00	Cu. m	Rs. 946.06	Rs. 946.06
PART - B: PLUMBING WORKS					
1.a	Dismantling (GI pipe external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including staking of pipes within 50 metres lead etc., complete all as directed by Engineer-in-charge. 15 mm to 40 mm nominal bore.	65.00	m	Rs. 42.17	Rs. 2,741.05
1.b	... do.. Above 40 mm nominal bore	120.00	m	Rs. 48.09	Rs. 5,770.80
2.a	Same as above for over head pipe lines. 1 1/2" (40 mm) dia. Pipes	30.00	m	Rs. 72.14	Rs. 2,164.20
2.b	2" (50 mm) dia. Pipes	20.00	m	Rs. 72.14	Rs. 1,442.80
2.c	3" (75 mm) dia. Pipes	30.00	m	Rs. 72.14	Rs. 2,164.20
2.d	4" (100 mm) dia. Pipes	50.00	m	Rs. 72.14	Rs. 3,607.00
3.a	Dismantling GI over head lines including gas cutting..... 2" (50 mm) dia. Pipes	7.00	m	Rs. 62.67	Rs. 438.69
3.b	3" (75 mm) dia. Pipes	6.00	m	Rs. 98.01	Rs. 588.06
3.c	4" (100 mm) dia. Pipes	6.00	m	Rs. 98.01	Rs. 588.06
4.a	Conveying of G.I. Pipes and specials from stores to site including cost of loading, unloading, lowering into trenches, cutting and threading wherever necessary, aligning including jointing and testing etc., complete. all as directed by Engineer-in-charge. (G.I. pipes and specials, pig lead, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at their stores). 1 1/2" (40 mm) dia. Pipes	5.00	m	Rs. 41.85	Rs. 209.25
4.b	2" (50 mm) dia. Pipes	5.00	m	Rs. 41.85	Rs. 209.25
4.c	3" (75 mm) dia. Pipes	5.00	m	Rs. 50.35	Rs. 251.75
4.d	4" (100 mm) dia. Pipes	3.00	m	Rs. 51.83	Rs. 155.49

5.a	Conveying of G.I. Pipes and specials from stores to site including cost of loading, unloading, lifting into position and fixing over head pipe line (up to 15.00 M height) including cutting and threading wherever necessary including jointing, testing etc., (G.I. pipes and specials, pig lead, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at BHEL stores.) etc., complete all as directed by Engineer-in-charge. 1 1/2" (40 mm) dia. Pipes	2.00	m	Rs. 62.80	Rs. 125.60
5.b	2" (50 mm) dia. Pipes	2.00	m	Rs. 62.80	Rs. 125.60
5.c	3" (75 mm) dia. Pipes	2.00	m	Rs. 83.75	Rs. 167.50
5.d	4" (100 mm) dia. Pipes	9.00	m	Rs. 83.75	Rs. 753.75
6.a	Conveying, lowering and fixing of C.I. sluice valves, gun metal valves on C.I./G.I pipes lines at or below ground level (Valves, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at BHEL stores.) etc., complete all as directed by Engineer-in-charge. 1 1/2" (40 mm) dia. valves	2	Each	Rs. 241.79	Rs. 483.58
6.b	2" (50 mm) dia. valves	2	Each	Rs. 241.79	Rs. 483.58
6.c	3" (75 mm) dia. Valves	2	Each	Rs. 401.04	Rs. 802.08
6.d	4" (100 mm) dia. Valves	2	Each	Rs. 401.72	Rs. 803.44
6.e	6" (150 mm) dia. Valves	2	Each	Rs. 868.46	Rs. 1,736.92
6.f	8" (200 mm) dia. Valves	1	Each	Rs. 868.46	Rs. 868.46
6.g	12" (300 mm) dia. Valves	1	Each	Rs. 1,268.51	Rs. 1,268.51
6.h	14" (350 mm) dia. Valves	1	Each	Rs. 1,268.51	Rs. 1,268.51
7.a	Conveying, lifting into position and fixing non-return valves /C.I sluice valves/ Gun metal valves on C.I./G.I. over head pipe lines (Valves, hemp yarn, bolts and nuts, washers, rubber packing, white lead etc., required for the work will be supplied free of cost by BHEL at BHEL stores.) etc., complete all as directed by Engineer-in-charge. 1 1/2" (40 mm) dia. valves	1	Each	Rs. 344.31	Rs. 344.31
7.b	2" (50 mm) dia. valves	1	Each	Rs. 344.31	Rs. 344.31
7.c	3" (75 mm) dia. Valves	1	Each	Rs. 557.27	Rs. 557.27
7.d	4" (100 mm) dia. Valves	1	Each	Rs. 557.27	Rs. 557.27
8	Supply and fixing at site GI flanges including cutting, drilling of holes, welding etc., complete all as directed by Engineer-in-charge.				
8.a	3" (80 mm) dia. flanges	2	Pair	Rs. 262.97	Rs. 525.94
8.b	4" (100 mm) dia. flanges	4	Pair	Rs. 314.53	Rs. 1,258.12
9.a	Making connection of GI distribution branch with GI main of following sizes by providing and fixing 'T' including cutting threading the pipe etc., complete all as directed by Engineer-in-charge. 25 mm to 40 mm nominal bore	2	Each	Rs. 265.22	Rs. 530.44
9.b	... do.. 2" (50 mm) dia.	3	Each	Rs. 602.64	Rs. 1,807.92
9.c	... do.. 3" (75 mm) dia.	3	Each	Rs. 602.64	Rs. 1,807.92
9.d	... do... 4" (100 mm) dia.	2	Each	Rs. 602.64	Rs. 1,205.28
10	Repairing the existing level indicator at a height of 40 M of the over head tank etc., complete all as directed by Engineer-in-charge.	3	Operation	Rs. 1,169.10	Rs. 3,507.30
PART - C: TANKS CLEANING					
1.a	Maintenance of water storage reservoirs by sweeping, cleaning the doors and side walls with coir brushes, removing the clay etc., complete all as directed by Engineer-in-charge. Under ground reservoir 5.00 lakhs gallons capacity.	6	Operation	Rs. 5,478.36	Rs. 32,870.16
1.b	---do--- 2.50 lakh gallons.	6	Operation	Rs. 2,753.60	Rs. 16,521.60
1.c	---do--- 1.00 lakh gallons.	6	Operation	Rs. 1,745.50	Rs. 10,473.00
1.d	---do--- 20,000 gallons (Admn. Bldg. pump house)	4	Operation	Rs. 1,273.79	Rs. 5,095.16
1.e	---do--- 5,000 gallons capacity.	4	Operation	Rs. 636.88	Rs. 2,547.52
1.f	over head tank of 40 mt. height and 2.20 lakh gallons capacity (two component of each 1.10 gallons capacity).	3	Operation	Rs. 14,067.67	Rs. 42,203.01

PART - D: REPAIR & SERVICING OF SUBMERSIBLE PUMPS					
1.a	Servicing of the submersible pump sets ranging from 7.5 to 12 HP including replacing the required spares (both Electrical & Mechanical), rewinding wherever required, testing and commissioning. The depth of the bore wells on an average of 150 Rft. The rate shall include lifting, erection, transportation from & to water works, to site, erection, testing & commissioning etc., (The rate quoted shall include all materials for repairs, rewinding, required tools such as chain pully, pipe wrenches, labour etc., and warranty for the bore should be 12 months from the date of commissioning or completion of work which ever is later etc., complete all as directed by Engineer-in-charge.	6	Operation	Rs. 8,210.10	Rs. 49,260.60
1.b	Servicing of manoblock submersible pump sets ranging from 1 HP to 2 HP by winding with required standed copper wire as per the existing specifications etc., complete all as directed by Engineer-in-charge.	2	Operation	Rs. 2,487.90	Rs. 4,975.80
1.c	Servicing of monoblock fountain pump located within the fountain pool by engaging a sufficient manpower and taking to outside for repairs, the repairs include minor repairs like replacement of bearings, changing of bushes, alignment of shaft, rewinding with the suitable copper wire and any other minor repairs with cost of the material and repainting the same and fixing in the same location for operation of 5 to 10HP etc., complete all as directed by Engineer-in-charge.	3	Each	Rs. 10,309.33	Rs. 30,927.99
2	Dismantling of the existing motor from pump, Servicing/overhauling of centrifugal pump including winding of motor with a standard specifications as per the existing motor, testing of motor along with the pump, commissioning with a warranty of 12 months period. The rate quoted shall include dismantling, transportation, servicing and re-erection at site etc., complete all as directed by Engineer-in-charge.				
2.a	20 to 50 HP	1	Each	Rs. 9,454.07	Rs. 9,454.07
2.b	Spider washers	5	Each	Rs. 1,015.04	Rs. 5,075.20
2.c	63 amps 415 V ICTP switch.	3	Each	Rs. 417.95	Rs. 1,253.85
2.d	100 amps 415 V ICTP switch.	4	Each	Rs. 955.33	Rs. 3,821.32
3	Supply & Fixing of 3 core copper flexible submersible cable. 2.5 sq. mm of ISI make and cable jointing to the motor when ever required etc., complete all as directed by Engineer-in-charge.	65.00	m	Rs. 40.56	Rs. 2,636.40
4	Supply and wrapping PVC insulation tape of standard width (of ISI make) for jointing of cables etc., complete all as directed by Engineer-in-charge.	15	Each	Rs. 11.92	Rs. 178.80
5.a	Supplying and fixing the spares for the control panel for the submersible pump sets of the make "L&T", cutter, hammer or Siemens etc., complete all as directed by Engineer-in-charge. Contractor kit 32 Amps, Model ML1.5/MI 3.	10	Each	Rs. 477.66	Rs. 4,776.60
5.b	H R C Fuse base 100/125 Amps, bus bar type.	9	Each	Rs. 149.27	Rs. 1,343.43
5.c	H R C Fuse links (TCP 100) 100 Amps	9	Each	Rs. 149.27	Rs. 1,343.43
6	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris up to to a lead of 2 KM including loading, unloading and spreading etc., complete all as directed by Engineer-in-charge.	4.00	Cu. m	Rs. 1,008.08	Rs. 4,032.32
7	Dismantling brick masonry walls for all heights, removing and clearing the debris and carting away up to to lead of 2 KM including loading, unloading and spreading segregating useful materials including the cost of all labour scaffolding etc., complete all as directed by Engineer-in-charge.	4.00	Cu. m	Rs. 613.74	Rs. 2,454.96
8	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works up to plinth level with 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate of 20 mm nominal size) etc., complete all as directed by Engineer-in-charge.	4.00	Cu. m	Rs. 2,651.01	Rs. 10,604.04
9	Brick work with Ground moulded clay FPS brick of class designation 75 in super structure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 Coarse sand) etc., complete all as directed by Engineer-in-charge.	4.00	Cu. m	Rs. 3,359.67	Rs. 13,438.68
10	Plastering in CM 1:6 , 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing-Upto 10.00 M level etc., complete all as directed by Engineer-in-charge.	16.00	Sq. m	Rs. 118.58	Rs. 1,897.28
11	Providing and Fixing PTMT waste coupling for wash basin and sink, of approved quality and colour - waste Coupling 31 mm of 79 mm length and 62 mm breadth weighing not less than 45 gms etc., complete all as directed by Engineer-in-charge.	5	Each	Rs. 90.22	Rs. 451.10
	Total value of work under SECTION-I				Rs. 3,18,907.61

SECTION - II: Maint. of Internal water supply, Sewerage system.					
PART - A: INTERNAL WATER SUPPLY & SANITORY FITTINGS					
1	Labour charges for removing the following broken items and replacing them with new ones which will be issued free of cost at BHEL stores including necessary repairs. The rate quoted shall include cost of fixing of necessary accessories like PVC/Alkathyne/lead pipe of suitable sizes, brackets etc.				
1.a	.. do.. Wash hand basins of size 22" x 16"	2	Each	Rs. 268.30	Rs. 536.60
1.b	.. do.. Porcelain sinks	2	Each	Rs. 268.30	Rs. 536.60
1.c	.. do.. Indian water closets-23"-size	2	Each	Rs. 214.63	Rs. 429.26
1.d	.. do.. European water closets.	2	Each	Rs. 187.80	Rs. 375.60
1.e	.. do.. Flat back Indian type urinals	3	Each	Rs. 107.32	Rs. 321.96
1.f	.. do.. Porcelain low down flush tanks of 3 gallons Capacity.	1	Each	Rs. 375.63	Rs. 375.63
2a	Supplying ,laying ,jointing and testing 101.6 mm (4") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 1524 mm(5'.0") depth and refilling with watering and tamping.	50.00	m	Rs. 326.98	Rs. 16,349.00
2b	Supplying ,laying ,jointing and testing 152.4 mm (6") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 1524 mm(5'.0") depth and refilling with watering and tamping.	130.00	m	Rs. 441.02	Rs. 57,332.60
2c	Supplying ,laying ,jointing and testing 254 mm (10") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in anysoil(except rock requiring blasting) up to 1524 mm(5'.0") depth and refilling with watering and tamping.	20.00	m	Rs. 824.20	Rs. 16,484.00
3	Construction of brick masonry chamber of dimension 0.914 x 0.457 x 0.914 m (3' x 1'6" x 3') with brick in CM 1:6 including plastering over both sides with CM 1:4, 20 mm thick and fitted with light weight CI frame and cover of size 0.914 x 0.457 m in CM 1:4 including bed concrete of CC 1:4:8 and channeling with 1:2:4 of 15cm thick as required, including earth work excavation in all soils, refilling around the chamber removing the surplus earth etc. complete as directed.CI frame and cover of 40 kgs, including channeling.	4	Each	Rs. 6,590.26	Rs. 26,361.04
4	Construction of brick masonry chamber of dimension 0.457 x 0.457 x 0.914 m (1'6" x 1'6" x 3') with brick in CM 1:6 including plastering over both sides with CM 1:4, 20 mm thick and fitted with light weight CI frame and cover of size 0.914 x 0.457 m in CM 1:4 including bed concrete of CC 1:4:8 and channeling with 1:2:4 of 15 cm thick as required, including earth work excavation in all soils, refilling around the chamber removing the surplus earth etc. complete as directed.CI frame and cover of 20 kgs.	4	Each	Rs. 4,508.37	Rs. 18,033.48
5	Providing and fixing PVC waste pipe of sink or wash basin including PVC waste fittings complete.	125	Each	Rs. 54.74	Rs. 6,842.50
6a	Providing and fixing Chlorinated Polyvinyl chloride (CPVC) pipes, having thermal stability for Hot & cold water supply including all CPVC plain & Brass threaded fittings this includes jointing of pies, & fittings with one step CPVC solvent cement, trenching , refilling & testing of joints complete as per direction of Engineer-in-charge. --- 15 mm nominal outer dia pipes.	100.00	m	Rs. 102.50	Rs. 10,250.00
6b	----Do-----20 mm nominal outer dia pipes.	70.00	m	Rs. 117.72	Rs. 8,240.40
7	Demolishing brick work manually / by mechanically means including stacking of serviceable material and disposing off unserviceable materials within 50 meters lead as per directions of Engineer-in-charge. - in cement mortar.	2.00	Cu. m	Rs. 538.07	Rs. 1,076.14
8	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	2.00	Cu. m	Rs. 883.82	Rs. 1,767.64
9	Brick work with FPS bricks of Ground moulded in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6. The cement will be issued free of cost by BHEL at BHEL stores.	2.00	Cu. m	Rs. 2,945.49	Rs. 5,890.98
10	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works (machine foundations) up to plinth level with 1:1½ :3 (1 cement : ½ coarse sand : 3 graded stone aggregate of 20 mm nominal size). The cement will be issued free of cost by BHEL at BHEL stores.	2.00	Cu. m	Rs. 2,324.20	Rs. 4,648.40

PART - B: SEWERAGE SYSTEM, OPEN DRAINS					
1	Earth work in excavation by mechanical means (Hydraulic Excavators) / manual means in foundations trenches or drains (not exceeding 1.5m in width or 10 Sq.m on plan) including dressing of sides and ramming of bottams, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m.	50.00	Cu. m	Rs. 109.66	Rs. 5,483.00
2	Cleaning the open drains by removing mud, leaves and stones and conveying the same within a lead of 2 Kms., etc., complete as directed by Engineer-in-charge.	3000.00	m	Rs. 4.10	Rs. 12,300.00
3a	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement :2 fine sand) including testing of joints etc. complete - 250mm dia R.C.C pipe.	10.00	m	Rs. 287.12	Rs. 2,871.20
3b	-----do -----for 300 mm dia RCC pipe.	10.00	m	Rs. 354.57	Rs. 3,545.70
3c	-----do -----for 450 mm dia RCC pipe.	10.00	m	Rs. 520.56	Rs. 5,205.60
4	Rodding of under ground sewer lines such as S.W.G pipes / R.C.C. pipes, / G.I.pipes and clearing and removing the deposits from the manholes, / chambers upto depth of 10.00 M and disposing the same to a lead of 2.00 KMs., for the following dia. Of pipes at all depths. The rate quoted shall include cost of labour and tools required for cleaning the sewer lines, cleaning rods and safety equipment.				
4a	100 mm dia..	500.00	m	Rs. 5.40	Rs. 2,700.00
4b	150 mm dia.	500.00	m	Rs. 6.95	Rs. 3,475.00
4c	225 mm dia.	1500.00	m	Rs. 8.31	Rs. 12,465.00
4d	300 mm dia.	1200.00	m	Rs. 10.36	Rs. 12,432.00
4e	375 mm dia.	300.00	m	Rs. 10.20	Rs. 3,060.00
4f	for inspection chambers	25	Each	Rs. 67.35	Rs. 1,683.75
4g	for man holes	25	Each	Rs. 67.35	Rs. 1,683.75
5	Cleaning of canteen waste collection tanks and waste collection chambers located at 02, 03, 04 and 51 staff and works canteens including removal of waste from the chambers and septic tanks, loading into vehicle, conveying and unloading the same at outside the factory area etc., complete as directed by the Engineer-in-charge. The vehicle shall be weighed before and after lading the waste materials, at BHEL weigh bridge for each trip. The rate quoted shall include cost or labour, hire charges of vehicle, cost or tools required for cleaning. The payment will be made against the weight for the waste materials disposed.	10.00	M.T	Rs. 316.53	Rs. 3,165.30
6	Cleaning and Clearing the choakages of nahany traps 'P' or 'S' traps and gully traps in the toilets at factory and Administrative building areas including removal and disposal of waste materials etc., complete as directed by the Engineer-in-charge. The rate quoted shall include cost of labour and tools.	100	Each	Rs. 32.96	Rs. 3,296.00
7	Engaging tractor trailer with Four unskilled services per day , for removal of waste, materials from out side the blocks, storage yards etc. like surplus earth, canteen waste, papers, wood, steel, plastic, drainage silt, any other waste materials are to be conveyed to garbage yard or scrap yard without weighment. The rate quoted shall include cost of labour and hire charges of tractor trailer with driver per day.	70	Tractor Day	Rs. 3,091.92	Rs. 2,16,434.40
8	Cleaning of road gully chambers by removing leaves, mud, stones etc., and disposing the garbage into factory dumping yard.	750	Each	Rs. 7.06	Rs. 5,295.00
9	Dechoking / Desilting and cleaning the sewer pipe lines of 450 mm/300mm diameter including desilting from the deep sewer manhole of more than 2M deep to achieve keen flow in sewer line between two manholes inside the factory area by using Trunk Mounted High Power Suction Cum Jetting Machine and Kamgrab Man hole desilting equipment, including hire charge of machine, fuel, driver cum operator and necessary labour for carrying out the work for one time. If any dewatering is required to be carried out; complete all as directed by Engineer-in-charge. The necessary safety procedures and all other special measures to clean the line is under the contractor scope.1 Nos: The line between two manholes of any distance to be cleared. (For heavy chokage cleaning)	3	Nos.	Rs. 17,758.53	Rs. 53,275.59
	Total value of work under SECTION-II				Rs. 5,24,223.12
	Total value of work				Rs. 8,43,130.73

Notes:	
1	Risk Purchase : In case the contractor fails to execute the work within the scheduled time or due to any other reasons, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor.
2	The rates are excluding GST.
3	The maintenance period is Nil . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.
4	<p>Penalty terms: Refer Clause 2.1.3 of NIT The following Penalties are envisaged in the contract and shall be assessed and recovered independently:</p> <p>(a) DELAY IN COMPLETION OF WORK: In the event of delay in supply of goods or services or works beyond contractual delivery date, a penalty of 0.5% per week or part thereof shall be levied on the gross value of work done subject to a maximum of 10% of the gross value of the total work executed. Penalty amount so determined along with GST if applicable thereon shall be recovered.</p> <p>(b) DELAY IN DEPOSITION OF SECURITY DEPOSIT: If the Contractor fails to deposit the required security deposit within ONE week period from the next date of issue of LoI or respective date as per LoI / Work Order, whichever is earlier, EMD shall be forfeited and the Contractor / Tenderer will automatically be suspended from being eligible for bidding in any contract with BHEL for a period of TWO years from the date of notification.</p> <p>(c) DELAY IN COMMENCEMENT OF WORK: If the Contractor fails to commence the work within the FIFTEEN (15) days period from the next date of issue of LoI or respective date as per LoI / Work Order or as requested by the BHEL, whichever is earlier, a penalty of 0.5% per week delay or part thereof or EMD whichever is higher, shall be recovered. Penalty amount so determined along with GST, if applicable thereon shall be recovered.</p> <p>(d) PENALTY ON UNEXECUTED VALUE OF CONTRACT: Unless otherwise total value of the contract to be executed is reduced / restricted due to budget constraint or due to any other valid reason(s) as certified by the Contract Executing Officer not below the rank of DGM, 10% of the unexecuted value of the contract assessed at the end of contract period or extended contract period shall be levied as penalty and shall be recovered from the bills along with GST. This shall be in addition to the penalty levied due to delay in execution of Contract, as per above.</p>
5	<p>Taxes: Bidders shall quote their Basic price exclusive of taxes. The applicable taxes on supply of material or services, as the case may be viz.GST shall be quoted separately, clearly showing the Service Code/Tariff Head, Rate of Tax and Amount of Tax in the Bid. The reimbursement of taxes to the contractor is contingent upon fulfilment by the contractor of all statutory provisions as stipulated in the relevant taxation statute enabling BHEL to avail the eligible input tax credits.</p> <p>TDS at the rates prescribed under Income Tax Act shall be deducted from the payments due to Contractor and BHEL shall issue the necessary TDS Certificates for such deductions made.</p>
6	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than GST as applicable from time to time.
7	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.
8	The agency shall submit the I.R. clearance certificate for the above work and arrange to get the final bill sent to Finance within one month from the actual date of completion of work.
9	The agency has to pay the minimum wages to workers with statutory payments like ESI, PF etc., is as per BHEL notification and as per NIT. For USW= ₹ 550.38, SSW= ₹ 587.73, SW = ₹ 623.54 + ESI + PF + PPE's and other statutory if any increase in future DA is to be borne by the agency.
10	The agency has to bring police clearance certificate for the work force.
11	All the terms and conditions of the contact with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST).
12	Payment shall be made stage wise on approval from engineer in charge
13	Vendor shall raise GST invoice on BHEL Hyd GSTIN.
14	If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.
15	Use of crushed stone dust is not permitted in any civil works.



GST CLAUSES	
Following points to be complied with :	
1	In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.
2	In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL.
3	The bidder shall arrange to send to BHEL, Hyderabad along with all the required documents as in Purchase Order, Tax Invoice (Original for Recipient) along with his bills.
4	Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter /Intra state movement Supply of goods and services or both.
5	Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed.
6	Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable.
7	Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in PO.
8	In case of any short supply of goods or service Vendor has to raise a credit note for short supplied quantity as per GST provisions.
9	Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.
10	Supplier shall mention their GST registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
11	A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.

Tender %	In Figures	In Words
Excess		
Less		
At par with Estimated value		

Note	The bidders are required to quote the tender value on percentage (%) basis at excess or less or at par with estimated value in figures and words. Bidders are requested to fill only one row.
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